

Housing for low temperature fuel cell stack

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Abstract of DE19724428

A housing for a low temperature fuel cell stack has a cross-section matched to the geometry of the stack and a changing wall thickness with several stiffening ribs running in the direction of the housing's main axis. There is a housing lid (11) and a housing base(13) on both ends. The stack can be tensioned between lid and base. The housing is manufactured by extrusion, drawing, pressing, tixocasting or spray moulding. On the ends of the ribs, devices are present for detachable fastening of the lid or base. The housing is made of light metal or plastic. It is installed on board a car.

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